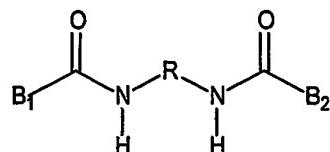


CLAIMS

1. Process for preparing a high-molecular polyamide, polyester, copolyester, copolyamide or polyester-amide block copolymer by melt-mixing a polyamide, 5 a polyester, copolymers or a mixture or mixtures of a polyamide and/or a polyester having a lower molecular weight, than the polymer obtained with the process of the invention, with an diisocyanate, characterized in that the diisocyanate is a blocked diisocyanate having following the formula,



10

wherein R = linear, branched or cyclo aliphatic C₂-C₂₀ or aromatic C₆-C₂₀ and B₁, B₂ = caprolactam, imidazole, dimethyl-pyrazole, triazole, oxim, malonic acid ester, ethylacetylacetone, phenol, cresol, aliphatic alcohol, secondary amine, hydroxy benzoic acid methyl ester.

- 15 2. Process according to Claim 1, characterized in that use is made of 0.05 to 4 wt.% of the blocked diisocyanate, relative to the polyamide, the polyester, the copolyester or the mixture or both.
- 20 3. Process of any one of claims 1-2, wherein the melt mixing is done in an extruder.
4. Process of claim 3 wherein the extruder is a twin-screw extruder.